Index of Claims



Application/Control No.

10/814,212

Examiner

Jasmine J. Clark

Applicant(s)/Patent under Reexamination

LU, DAOQIANG

**Art Unit** 

2815

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α 0 Objected

Tell   Fig.   Fig.	Claim Date					] [	Claim Date						e										
1   1   =   51   52   53   53   53   53   53   53   54   44	Π.		90																				
2   2   =   3   3   =   53   53   55   56   55   56   55   56   55   56   57   56   57   57   56   57   57   58   8   8   9    9   9   9   9   9   9   9   9   9   9   9   9   9   9   9    9		Origi	1/2/										Ē	Orig									
3   3   =   53   54   54   54   55   55   55   55   55   55   55   55   55   55   55   56   57   38   88   =   99   9   =   58   99   99   10   10   =   60   111   111   =   60   60   60   61   61   62   63   31   32   32   32   32   32   32   32   32   32   32   32   32   32   32   33 <td>1</td> <td>1</td> <td>=</td> <td></td>	1	1	=																				
4   4   =   5   5   =   55   56   55   56   55   56   57   38   8   =   9   9   =   57   38   8   =   9   9   9   =   57   38   58   9   9   9   9   9   9   9   9   9    9   9   9   9   9   9   9   9   9   9   9   9   9   9   9    9	Т	2	=															L					
5     5     =     55     56     56     57     57     57     57     57     57     58     59     59     59     59     59     59     59     59     59     60     60     61     61     61     61     61     61     61     62     63     63     63     63     63     63     63     63     63     64     65     66     66     66     66     66     67     66     67     67     68     68     69 <td></td> <td>3</td> <td>=</td> <td></td> <td>乚</td> <td>_</td> <td></td> <td>L</td> <td>L</td>		3	=																乚	_		L	L
6   6   =     7   7   =     8   8   =     9   9   =     10   10   =     11   11   =     12   12   =     13   13   =     14   14   =     15   15   =     16   16   =     17   17   =     18   18   =     19   19   =     20   20   =     21   21   =     23   23   =     24   24   =     25   25   =     26   26   =     70   =   -     71   =   -     72   -   -     23   23   =     26   26   =     27   27   =     28   28   =     29   29     30   30		4	11		Γ												_			<u> </u>		1	
7     7     =     57     58     59 <td><math>\neg</math></td> <td>5</td> <td>=</td> <td></td> <td><u> </u></td> <td></td> <td>_</td> <td><u> </u></td>	$\neg$	5	=																	<u> </u>		_	<u> </u>
8   8   =   58   59   60   60   60   61   61   61   61   61   61   62   63   63   63   63   63   63   63   64   65   65   66   66   66   66   67   66   66   67   67   67   68   68   68   69	T	6	Ξ																				L
9   9   =     10   10   =     11   11   =     12   12   =     13   13   =     14   14   =     15   15   =     16   16   =     17   17   =     18   18   =     19   19   =     20   20   =     21   21   =     22   22   =     23   23   =     24   24   =     25   25   =     26   26   =     27   27   =     29   29   =     30   30   =     31   31   =     32   32   =     33   33   =     34   34   =     40   90     41   91     42   43     44   94     <	$\top$	7	II																匚				乚
10     10     =     60     61     61     62     63     63     64     63     64     65     65     66     65     66     67     68     66     67     68     68     69 </td <td></td> <td>8</td> <td>=</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>]  </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td>L</td>		8	=									]							_				L
111   11   =   61   62   63   64   63   64   65   66   66   66   66   66   66   67   68   68   69   66   67   68   69    69   70   70   70   70   70   70   70   70   70   72   73   73   73   73   73   74   74   74   74   74   74   74   74   75   75   76   76   77   78   78   78   79 <t< td=""><td></td><td>9</td><td>=</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>L</td><td></td><td>L</td><td>L</td></t<>		9	=																	L		L	L
12   12   =     13   13   =     14   14   =     15   15   =     16   16   =     17   17   =     18   18   =     19   19   =     20   20   =     21   21   =     22   22   =     23   23   =     24   24   =     25   25   =     26   26   =     27   27   =     29   29   =     30   30   =     31   31   =     32   32   =     33   33   =     34   34   =     35   36   86     37   88     39   40     41   42     43   44     45   99			=				[	L							Ш				<u> </u>	_		_	<u> </u>
13   13   =     14   14   =     15   15   =     16   16   =     17   17   =     18   18   =     19   19   =     20   20   =     21   21   =     22   22   =     23   23   =     24   24   =     25   25   =     26   26   =     27   27   =     29   29   =     30   30   =     31   31   =     32   32   =     33   33   =     33   33   =     34   34   =     38   84     39   40     41   42     43   44     44   45     45   96		11	н							L.				61	Ш				<u> </u>			<u> </u>	Ļ
14   14   =   64   65   65   66   66   67   66   67   68   66   67   68   68   68   69			н							L.,					Ш				<u> </u>			L	<u> </u>
15   15   =   65   66     17   17   =   66   67   68     19   19   =   68   69   70   70   70   70   70   70   70   70   71   72   73   73   73   74   74   74   74   74   74   74   74   74   77   78   78   78   78   78   78   78   78   78   78   78   79	3 1	13	=																	L	_	<u> </u>	
16   16   =   66   67     17   17   =   68   69     19   19   =   70   71     20   20   =   70   71   72     21   21   =   71   72   72   72   72   73   73   73   73   73   73   74   74   74   74   74   74   74   74   74   75   75   76   77   77   78   78   79   78   79			=																	<u>L</u> .			
17   17   =   67   68     19   19   =   68   69   70     20   20   =   70   71   72   72   72   73   73   73   73   73   73   73   73   73   74   72   72   73   74	,	15	=																		L		L
17   17   =   67   68   68   69   70   71   70   71   70   71   72   72   71   72   72   72   72   73   73   73   73   73   74   74   74   74   74   74   74   75   75   76   77   77   78   78   79   78   79	3 1	16	=	Г														L	<u> </u>				┖
19   19   =   69   70     21   21   =   70   71   71   72   73   73   73   74   74   74   74   75   75   75   75   76   77   78   78   79   78   79   78   79   78   79		17	=																<u> </u>	L	_	<u> </u>	┖
20   20   =     21   21   =     22   22   =     23   23   =     24   24   =     25   25   =     26   26   =     27   27   =     28   28   =     29   29   =     30   30   =     31   31   =     32   32   =     33   33   =     34   34   =     36   86     37   88     38   88     39   90     41   91     42   92     43   94     44   94     45   96	3 ′	18	=	Γ.	Γ							]							L				<u> </u>
21   21   =   71   72   72   73   73   73   73   73   74   74   74   74   74   74   74   74   74   75   75   75   75   76   77   77   77   78   78   79   78   79   78   82   82   79	9 '	19	=				Π												┖		L	L	乚
22   22   =   72   73     24   24   =   74   74   74     25   25   =   75   75   76   77   77   78   78   79   78   79   78   88   70   82   82   83   70   82   82   83   83   83   83   83   83   83   84   84   84   84   84   84	) [2	20	=		Г	Γ						] '						L		L			L
23   23   =   73   74     24   24   =   74   74   74     25   25   =   75   75   76   77   77   77   77   77   78   79   80   80   70   82   82   33   33   83   83   83   83   83   83   83   84   84   84   84   84   84   85   85   86   86   86   86   86   86	1 2	21	=		Π	Γ														<u> </u>	L	<u> </u>	<u> </u>
24   24   =   74   75   75   76   76   76   77   77   77   77   77   77   77   78   79   30   30   =   30   30   =   30   30   =   30   30   =   30   30   =   30   30   =   30   30   =   30   30   =   30   80   30   30   =   30	2 2	22	=																$oxed{oxed}$	<u> </u>		L.	↓_
25   25   =     26   26   =     27   27   =     28   28   =     29   29   =     30   30   =     31   31   =     32   32   =     33   33   =     34   34   =     36   86     37   88     38   88     39   88     40   90     41   91     42   92     43   94     44   94     45   95	3 2	23	=								L.							<u> </u>	_			_	<u> </u>
26   26   =   76   77     28   28   =   78   78     29   29   =   79   80     30   30   =   80   81     32   32   =   82   83     33   33   =   84   84     35   85   85   86     37   87   87   87     38   88   89   90     40   91   90   91     41   91   92   93     43   94   94   94     45   96   96   96	1 2		Ξ									]										ļ	
26   26   =   76   77   78   78   78   79   78   79   70   70   70   70   70   70   70   70   70   79   70	5 7	25	=									]							L	L	L	_	L
28   28   =   78   79     30   30   =   80   81     31   31   =   82   83     32   32   =   83   83     34   34   =   84   84     35   86   86   86     37   87   87   88     39   88   89   90     40   90   90   91     41   91   92   93     44   94   94   94     45   96   96	3 7		=									]		76						L	<u> </u>		L
29   29   =   79   80     30   30   =   80   81     31   31   =   82   83     33   33   =   84   84     35   85   86   86     37   87   87   88     38   88   89   90     40   90   90   91     41   91   92   94     43   94   94   95     46   96   96   96	7 2	27	=	П																_	L		丄
30   30   =     31   31   =     32   32   =     33   33   =     34   34   =     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     45   95     46   96	3   2	28	=															<u>L</u>		┖	L	L	┖
31   31   =   81   82   33   33   =   83   83   33   =   84   84   84   84   84   85   85   85   86   86   86   87   87   87   87   88   88   88   89   90   90   90   90   91   91   92   92   93   94   94   94   94   94   95   96   97   98   98   98   98   98   98   98   98   98   98   98   98   98   98   98   98   98   98   98	9 7	29	=					1														_	$\perp$
32   32   =   82     33   33   =   83     34   34   =   84     35   85   85     36   86   87     38   88   88     39   89   90     41   91   91     42   92   92     43   94   94     45   95   96	5 :	30	=															L.,		L		_	_
33   33   =   83     34   34   =   84     35   85   85     36   86   87     38   88   88     39   89   90     41   91   91     42   92   92     43   93   94     45   95   95     46   96   96			=									]							<u> </u>			L	_
34 34 = 84   35 85 86   37 87 87   38 88 88   39 89 90   41 91 91   42 92 92   43 93 94   45 95 96	2 ;	32	=												Ш		<u> </u>	$oxed{oxed}$	<u>L</u>	L	L		1_
35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96	3 :	33	=			Τ.														L			L
36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96	4 :	34	=			Г	T.					]						<u> </u>		L	L	L	$\perp$
37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96	1	35	П	Г	Π			Π						85							_		$\perp$
38 88   39 90   40 91   41 91   42 92   43 93   44 94   45 95   46 96	7	36		П															<u> </u>		_		┸
39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96	;	37			П	Π											_		<u> </u>		<u> </u>	_	$\perp$
40 90   41 91   42 92   43 93   44 94   45 95   46 96	Ţ.,	38					Г										L				┖	<u> </u>	$\perp$
41 91   42 92   43 93   44 94   45 95   46 96	- 1	39				Т													L		L		L
42   92   93   94   94   95   96   96   96   96   96   96   96	7	40						Г	Γ			]								_			
43 93 94 94 95 95 96 96 96 96	-	41		Г		Π	T					]		91							乚	上	┖
44 94 95 95 96 96 96 96 96 96 96 96 96 96 96 96 96	7	42	Γ	П	Г							]							L	_	_	_	L
44 94 95 95 96 96 96 96 96 96 96 96 96 96 96 96 96									$\Box$		L	]		93				<u> </u>		<u> </u>		1_	1
45 95 96 96	7	44				$\prod$						]		94	igsqcut		L	L.		_	<u> </u>		
46 96 96	- 1	45				Ι	$I^-$					]		95					L				$\perp$
47 07 07 1	7	46					$oxed{oxed}$					]		96			L	<u>L</u>		$\perp$		L	L
	7	47		$\Box$	Ι		$oxed{oxed}$							97									L
48 98							$oldsymbol{\mathbb{L}}$				匚	]					Ĺ	L					L
49 99 99	٦,	49												99								<u> </u>	$\perp$
50 100 100		50						$\prod$				]		100						1		_	_

Cla	im	Date										
Final	Original											
	51											
	52											
	53											
	54 55			_	_	_			$\Box$			
	55	_	_	_		_		_	_			
	56		_	_	_	_		_	_			
$\square$	57		_	_		<b></b> ∤			$\dashv$	_		
	58			-		$\dashv$		$\dashv$	-			
$\vdash$	59 60	$\dashv$				$\dashv$	$\dashv$	$\dashv$	$\dashv$			
	61	$\dashv$	$\dashv$				$\dashv$	$\dashv$	_			
-	62	$\dashv$	$\dashv$		$\dashv$			$\neg$				
	63	一	一			$\dashv$		$\exists$	$\neg$			
	64	_	$\dashv$				$\dashv$					
	65		一									
	66											
	67											
	68 69	$\Box$	_			Ш						
	69											
	70											
	71 72		-			$\vdash$		_				
	73	-	_			-						
	74	$\vdash$	$\dashv$			-				-		
	75					_						
	76											
	76 77											
	78											
	79											
	80						<u>_</u> .			_		
<u> </u>	81			_	_		<b>.</b>	H	<u> </u>	<u> </u>		
$\vdash$	82 83	$\dashv$			$\vdash$		_	_				
-	84	$\dashv$	_		-		-	-	-	-		
-	85	$\dashv$			-	$\vdash$			-	-		
-	86	-		_	-	Н		<u> </u>	_	$\vdash$		
	87					Г						
	88											
	89											
	90			_			L_	L	<u> </u>	<u> </u>		
<u></u>	91	Щ		_	<u> </u>		<u> </u>	<u> </u>	<u> </u>	$\vdash$		
	92	$\sqcup$	_	<u> </u>	_		<u> </u>	_	<u> </u>	<u> </u>		
	93	$\vdash$		_	-	-			-	_		
-	94 95	$\vdash$	ļ	-	-		-	├	<del> </del>	⊢		
	96	$\vdash$	-	H	_	-	$\vdash$	-	-	$\vdash$		
-	97			-	$\vdash$	$\vdash$	$\vdash$	$\vdash$		_		
	98		-	_	-	Г	_	<u> </u>	-	T		
<u> </u>	99				Г	Г	Г	Τ	Γ			
	100			$\overline{}$		_	Γ.	· ·		П		

Cla	Date									
Final	Original						- 1			
Fi	į						- 1			
	0									
	101			H						$\neg$
	102	_			_					$\neg$
	101 102 103			-	_					$\neg$
	104	_		$\vdash$				_		$\dashv$
	104 105		-	$\vdash$	$\vdash$					_
<del>-</del>	106	$\vdash$		-	-	H				
$\vdash$	107	H	$\vdash$	$\vdash$	-					
	107 108 109	-	-	-	_	Н				$\dashv$
<del></del>	100			┝		Н				$\dashv$
	110			-		Н	-		_	
	110	-		┝	-	_				
	111			-	-	_				
	112	<u> </u>				<del>  </del>			$\vdash$	
	112 113 114 115		<b> </b> -	<u> </u>	<u> </u>	L			$\vdash$	<b>-</b>
	114		<u> </u>	<u> </u>	<u> </u>	<u> </u>			$\vdash$	$\sqcup$
	115	<u> </u>	_		<u> </u>	$\vdash$			$\vdash$	Ш
	116									Ш
	117	L	L_	L	<u> </u>					
	118				<u> </u>	Ш			L_	Щ
	119			L.	L	L				
	120									
	120 121 122									
	122									
	123									
	123 124 125 126 127 128 129 130									
	125		Г					Г		
	126									
	127			Т						
	128							Г		П
<u> </u>	129		$\overline{}$	<u> </u>			$\vdash$			П
	130			<b>†</b>			_	_		П
	131 132 133	_	-	T		<u> </u>	$\vdash$			П
<u> </u>	132	$\vdash$		┢	-			_	<del>                                     </del>	
$\vdash$	133	$\vdash$	H	-	$\vdash$	<del>                                     </del>	-	-	┢	Н
<u> </u>	134	<del> </del>		-	<del>                                     </del>	<del>                                     </del>		_	$\vdash$	$\vdash$
-	134 135	-	$\vdash$	$\vdash$	$\vdash$	+	├-	$\vdash$	$\vdash$	$\vdash$
	136	$\vdash$	├-	$\vdash$	├	╁一	├		$\vdash$	$\vdash$
	130	$\vdash$	$\vdash$	$\vdash$	├	╁		-	-	$\vdash$
<u> </u>	137 138	├	├	<u> </u>	$\vdash$	<del> </del> —	$\vdash$	$\vdash$	$\vdash$	$\vdash$
	130	├—	$\vdash$	$\vdash$	$\vdash$	├	$\vdash$	-	-	$\vdash$
<u> </u>	139 140	├-	$\vdash$	$\vdash$	-		<del> </del>	$\vdash$		Н
<u></u>		-	$\vdash$	⊢			-	<del>                                     </del>	$\vdash$	$\vdash$
	141	-	-	├		$\vdash$	├—	-	-	H
<u> </u>	142	-	├-		├-	├	├-	├	├-	<u> </u>
<u></u>	143	ـ	⊢		$\vdash$	├	<u> </u>	⊢		_
L	144	<del> </del>	<del>  _</del>		<b>├</b>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u></u>	145	<u> </u>	<u> </u>	_	_	_	_	<u> </u>	Ļ	Ι.
	146	_		ـــــ	_	L_	L_		<u> </u>	
	147					<u> </u>		L	$\perp$	
	148	Ĺ	L		oxdot	L		Ĺ	Ĺ	$L^{T}$
	149					L	$L^-$		Ĺ	
	150			П	1					
				•		•	•			-